

Message Text

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FOLLOWING REPEAT MOSCOW 3274 ACTION SECSTATE INFO BELGRADE
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QUOTE

LIMITED OFFICIAL USE MOSCOW 3274

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TAGS: TECH, ENRG. ECON, UR

SUBJECT: BACKGROUND INFORMATION ON FOREIGN ENERGY PROGRAMS

REF: 75 STATE 289786,

1. FOLLOWING INCLUDES ALL INFORMATION AVAILABLE TO EMBASSY IN REPLY
TO QUESTIONS ON USSR ENERGY PROGRAM TRANSMITTED REFTEL. EMBASSY
ASSUMES THAT THIS COMMUNICATION WILL BE SUPPLEMENTED
BY INFORMATION ALREADY AVAILABLE TO ERDA FROM OTHER WASHINGTON
AGENCIES AND BY DATA DEVELOPED FROM ERDA'S CONTACTS WITH USSR
ENERGY OFFICIALS UNDER US-USSR AND ATOMIC ENERGY AGREEMENTS.

2. STATE OF GOVERNMENTAL STRUCTURE: ENERGY AND ENERGY-RELATED ACTIVIT
IES

IN USSR ARE FORMALLY RESPONSIBILITY OF HIGHEST EXECUTIVE AUTHORITY,
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PRESIDIUM OF USSR COUNCIL OF MINISTERS, CHAIRED BY ALEKSEY N.
KOSYGIN. PRESIDIUM OVERSEES ACTIVITIES OF ENERGY-RELATED MINISTRIES
AND ORGANIZATIONS AND IS RESPONSIBLE FOR DEVELOPMENT OF SCIENCE AND
TECHNOLOGY IN USSR. SPECIFIC ENERGY RELATED PROGRAMS ARE SET FORTH

IN ANNUAL AND FIVE-YEAR PLANS PREPARED BY USSR STATE PLANNING COMMITTEE WITH INPUT OF VARIOUS ALL-UNION MINISTRIES UNDER PURVIEW OF THE COUNCIL OF MINISTERS. UNION-REPUBLIC MINISTRIES ALSO ARE LARGELY UNDER CENTRAL CONTROL BUT WITH SOME RESPONSIBILITIES EXERCISED BY PARTICULAR REPUBLIC COUNCILS OF MINISTERS AND RESPECTIVE REPUBLIC-LEVEL MINISTRIES.

3. ENERGY-RELATED MINISTRIES AND AGENCIES: PRINCIPAL MINISTRIES, BOTH ALL-UNION AND UNION REPUBLIC, AND OTHER BODIES WITH ENERGY RESPONSIBILITIES ARE:

ALL-UNION MINISTRIES:

MINISTRY OF PETROLEUM INDUSTRY, MINISTER V.D. SHASHIN, PRODUCTION AND EXTRACTION OF OIL;;
MINISTRY OF GAS INDUSTRY, MINISTER S.A. ORUDZHEV, PRODUCTION AND TRANSMISSION OF GAS;
MINISTRY OF POWER MACHINE BUILDING, MINISTER V.V. KROTOV, PRODUCTION OF ELECTRICAL GENERATING EQUIPMENT;
MINISTRY OF CONSTRUCTION OF PETROLEUM AND GAS INDUSTRY ENTERPRISES, MINISTER B. Y. SHCHERBINA, CONSTRUCTION OF GAS AND PETROLEUM INDUSTRY ENTERPRISES AND INSTALLATIONS;
MINISTRY OF ELECTRICAL EQUIPMENT INDUSTRY, MINISTER A.K. ANTONOV, PRODUCTION OF ELECTRICAL TRANSMISSION EQUIPMENT.

UNION-REPUBLIC MINISTRIES:

MINISTRY OF COAL INDUSTRY, MINISTER B.F. BRATCHENKO, EXTRACTION OF COAL;
MINISTRY OF POWER AND ELECTRIFICATION, MINISTER P.S. NEPOROZHNIY, CONSTRUCTION AND DEVELOPMENT OF ATOMIC, THERMAL, AND HYDROELECTRIC POWER STATIONS, CONSTRUCTION OF POWER GRIDS AND TRANSMISSION STATIONS, AND, APPARENTLY SINCE MID-1975, SOME RESPONSIBILITY FOR CONSTRUCTION OF FAST-BREEDER REACTORS;

MINISTRY OF PETROLEUM REFINING AND PETROCHEMICAL
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INDUSTRY, MINISTER V.S. FEDOROV, REFINING OF CRUDE OIL INTO PETROCHEMICAL PRODUCTS;

MINISTRY OF GEOLOGY, MINISTER Y.A. KOZLOVSKIY, PETROLEUM AND GAS EXPLORATION.

ORGANIZATIONS:

USSR STATE COMMITTEE FOR SCIENCE AND TECHNOLOGY (SCST); CHAIRMAN V.I. KIRILLIN, WHO IS ALSO DEPUTY CHAIRMAN OF PRESIDUM OF USSR COUNCIL OF MINISTERS, OVERALL RESPONSIBILITY FOR ALL RESEARCH AND DEVELOPMENT ACTIVITIES

IN USSR. SCST DEVELOPS PROPOSALS FOR SCIENCE AND TECHNOLOGY (S&T) POLICIES, MAKE S&T FORECASTS, APPROVES PROCEDURES FOR DEVELOPMENT OF MINISTRY-LEVEL S&T FORECASTS AND GENERAL REQUIREMENTS FOR DRAFTING PLANS FOR ENTERPRISES, MACHINERY AND EQUIPMENT. SCST HAS RESPONSIBILITY FOR S&T INFORMATION AND COORDINATION OF INTERNATIONAL S&T AFFAIRS.

USSR STATE COMMITTEE FOR UTILIZATION OF ATOMIC ENERGY, CHAIRMAN A.M. PETROSYANTS, RESPONSIBLE FOR CONSTRUCTION AND OPERATION OF EXPERIMENTAL NUCLEAR REACTORS, R AND D ON USES OF ATOMIC ENERGY, AND OPERATIONAL SAFETY OF NUCLEAR REACTORS.

USSR ACADEMY OF SCIENCES, PRESIDENT A. ALEKSANDROV, CONDUCTS BASIC RESEARCH IN CHEMISTRY, PHYSICS, AND GEOLOGY RELEVANT TO ENERGY. ACADEMY IS RESPONSIBLE FOR ESTABLISHMENT OF SCIENCE POLICY FOR NATURAL AND SOCIAL SCIENCES. IT PROVIDES GUIDANCE FOR ALL RESEARCH PROJECTS AT ALL R&D AND EDUCATIONAL INSTITUTIONS AND PLANS AND COORDINATES ALL BASIC RESEARCH. ACADEMY COORDINATES SCIENTIFIC ACTIVITIES OF ACADEMIES IN VARIOUS REPUBLICS. RESEARCH AT SOME INSTITUTIONS OF HIGHER LEARNING IS ADMINISTERED BY USSR MINISTRY OF HIGHER AND SECONDARY SPECIAL EDUCATION WHILE AT OTHERS IT FALLS UNDER JURISDICTION OF BRANCH MINISTRIES. SOME R&D IN UNION REPUBLICS IS UNDER JURISDICTION OF REPUBLIC-LEVEL GOVERNMENTAL ORGANIZATIONS WHICH HAVE STRUCTURES ANALOGOUS TO ALL-UNION ORGANIZATIONS. FOLLOWING REPUBLICS ALSO HAVE ENERGY-RELATED MINISTRIES: RSFSR, LIMITED OFFICIAL USE
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ARMENIA, AZERBAIDZHAN, GEORGIA, KAZAKHSTAN, MOLDAVIA, TADZHIKISTAN, TURKMENISTAN, UKRAINE AND UZBEKISTAN.

4. ENERGY POLICY AND ANALYSIS, R AND D RESPONSIBILITIES: USSR ENERGY POLICY IS FORMULATED AND IMPLEMENTED WITHIN PRESIDIUM OF COUNCIL OF MINISTERS DRAWING UPON INFORMATION AND RECOMMENDATIONS OF MINISTRIES AND AGENCIES DIRECTLY CONCERNED. IT IS UNCLEAR WHETHER ANY SINGLE DEPUTY CHAIRMAN OF THE PRESIDIUM IS RESPONSIBLE FOR ENERGY POLICY.

CHAIRMAN KIRILLIN HAS CHIEF RESPONSIBILITY FOR ESTABLISHING ENERGY R AND D PRIORITIES WITHIN THE PRESIDIUM. EACH OF FOUR PRIMARY ENERGY MINISTRIES HAS DEPUTY MINISTER RESPONSIBLE FOR R AND D. THEY ARE:

MINISTRY OF GAS: Y.V. ZAYTSEV

MINISTRY OF PETROLEUM: DZ. A. TAKOYEV

MINISTRY OF POWER AND ELECTRIFICATION: A.I. MAKSIMOV

MINISTRY OF COAL: V.P. GERASIMOV

WITHIN ACADEMY OF SCIENCES, ACADEMICIAN M.A. STYRIKOVICH

IS RESPONSIBLE FOR SCIENTIFIC AND TECHNOLOGICAL PROBLEMS
RELATED TO ENERGY.

EACH MINISTRY HAS ITS OWN RESEARCH INSTITUTES IN AREAS OF
SPECIFIC INTEREST. STATE COMMITTEE FOR SCIENCE AND TECHNOLOGY
HAS DEPARTMENTS FOR MINERAL RESOURCES AND FOR POWER AND
ELECTRICAL TECHNOLOGY WHICH WOULD HAVE AN ENERGY R AND D ROLE.
STATE COMMITTEE ON ATOMIC ENERGY UTILIZATION IS RESPONSIBLE FOR
BASIC RESEARCH IN ATOMIC ENERGY.

5. ENERGY POLICY: USSR ENERGY POLICY HAS THREE PRINCIPAL COM-
PONENTS: TO ENSURE MAXIMUM SELF-SUFFICIENCY IN MEETING DOMESTIC
NEEDS; TO PROVIDE SUFFICIENT ENERGY EXPORTS TO EAST EUROPEAN
COUNTRIES, BUTTRESSED BY CEMA-WIDE ENERGY PROQKCTS, TO ENSURE
DESIRED LEVELS OF ENERGY-BASED LINKAGES; AND TO CONTRIBUTE TO
USSR'S HARD CURRENCY EARNINGS THROUGH EXPORTS.

6. PRODUCTION OBJECTIVES: EXTENSIVE AVAILABILITIES OF DOMESTIC
ENERGY RESERVES HAVE ENABLED THE USSR AT PRESENT TO BECOME
LARGELY ENERGY SELF-SUFFICIENT, AS WELL AS A NET EXPORTER OF
FUEL. IN 1975 USSR PRODUCED 491 MILLION TONS OF OIL, INCLUDING
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GAS CONDENSATE, 289 BILLION CUBIC METERS OF NATURAL GAS, 701
MILLION TONS OF COAL, AND 1,038 BILLION KWH OF ELECTRICITY. IN
1974, LAST YEAR FOR WHICH STATISTICS ARE AVAILABLE, USSR EXPORTED
116 MILLION TONS OF CRUDE OIL AND PETROLEUM PRODUCTS, ABOUT 60
PERCENT TO OTHER "SOCIALIST" COUNTRIES AND REMAINED MAINLY TO
HARD CURRENCY MARKETS. GAS EXPORTS IN 1974 WERE ABOUT 14 BILLION
CUBIC METERS, ABOUT 8.5 BILLION TO EASTERN EUROPE AND REMAINDER
TO WESTERN EUROPE. USSR ELECTRIC POWER EXPORTS WERE 10.9 BILLION
KWH IN 1974, MOSTLY TO EAST EUROPE. FUEL IMPORTS IN 1974 WERE
5.5 MILLION TONS OF CRUDE OIL AND PETROLEUM PRODUCTS AND 11.9
BILLION CUBIC METERS OF NATURAL GAS.

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